



Road Casualty Analysis

Data source

- Data source: <https://data.gov.uk/>

Find open data

Find data published by central government, local authorities and public bodies to help you build products and services

[Business and economy](#)

Small businesses, industry, imports, exports and trade

[Crime and justice](#)

Courts, police, prison, offenders, borders and immigration

[Defence](#)

Armed forces, health and safety, search and rescue

[Education](#)

Students, training, qualifications and the National Curriculum

[Environment](#)

Weather, flooding, rivers, air quality, geology and agriculture

[Government](#)

Staff numbers and pay, local councillors and department business plans

[Government spending](#)

Includes all payments by government departments over £25,000

[Health](#)

Includes smoking, drugs, alcohol, medicine performance and hospitals

[Mapping](#)

Addresses, boundaries, land ownership, aerial photographs, seabed and land terrain

[Society](#)

Employment, benefits, household finances, poverty and population

[Towns and cities](#)

Includes housing, urban planning, leisure, waste and energy, consumption

[Transport](#)

Airports, roads, freight, electric vehicles, parking, buses and footpaths

[Digital service performance](#)

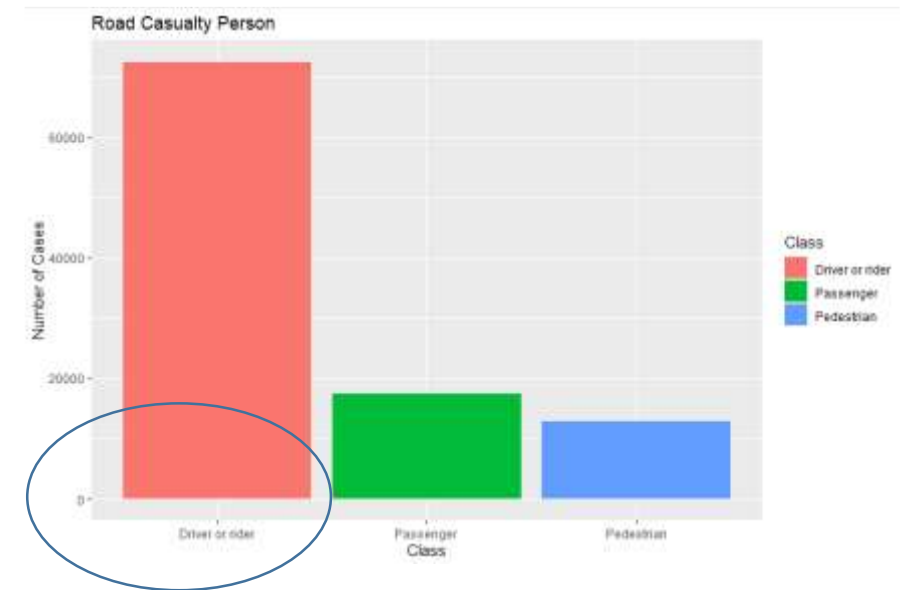
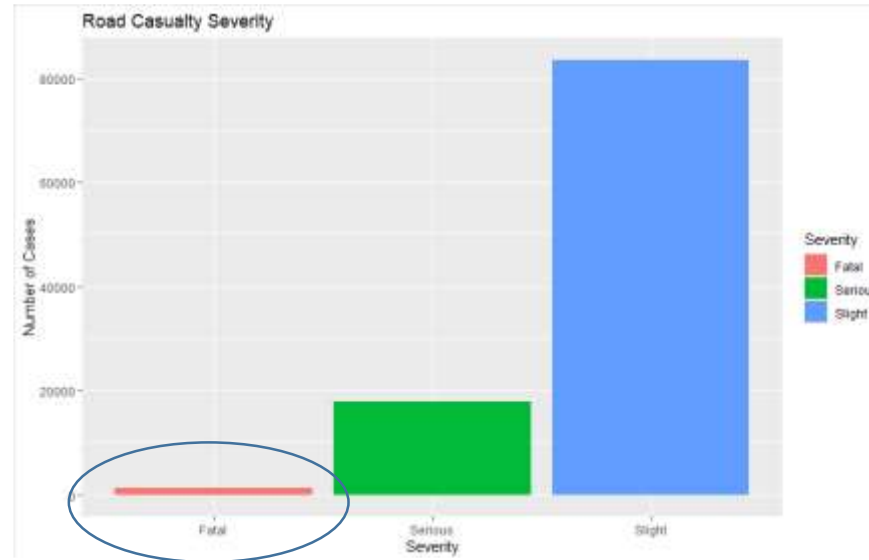
Cost, usage, completion rate, digital take-up, satisfaction

[Government reference data](#)

Trusted data that is referenced and shared across government departments

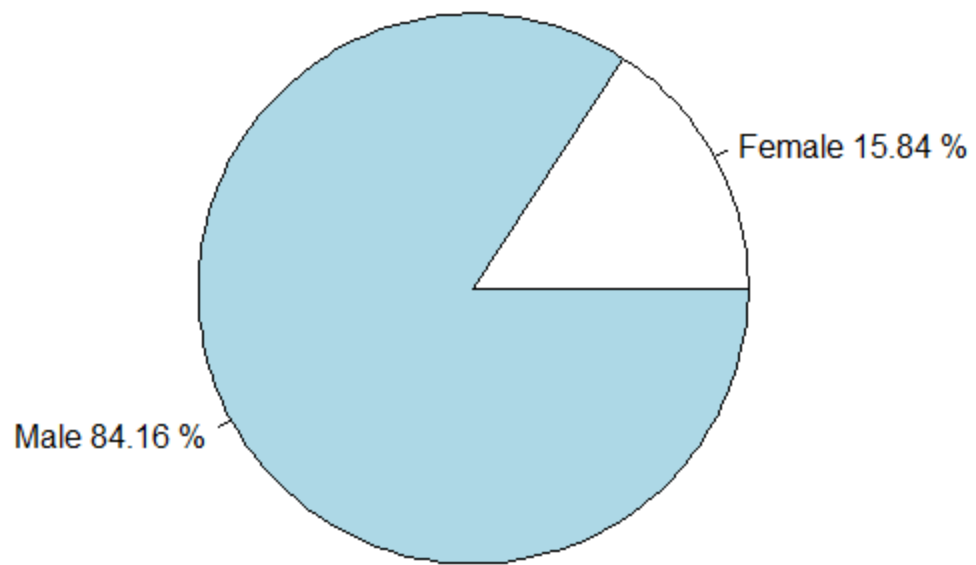
Objective

- To identify key factor of fatal road casualty of driver and rider in 2020
- To provide recommendation

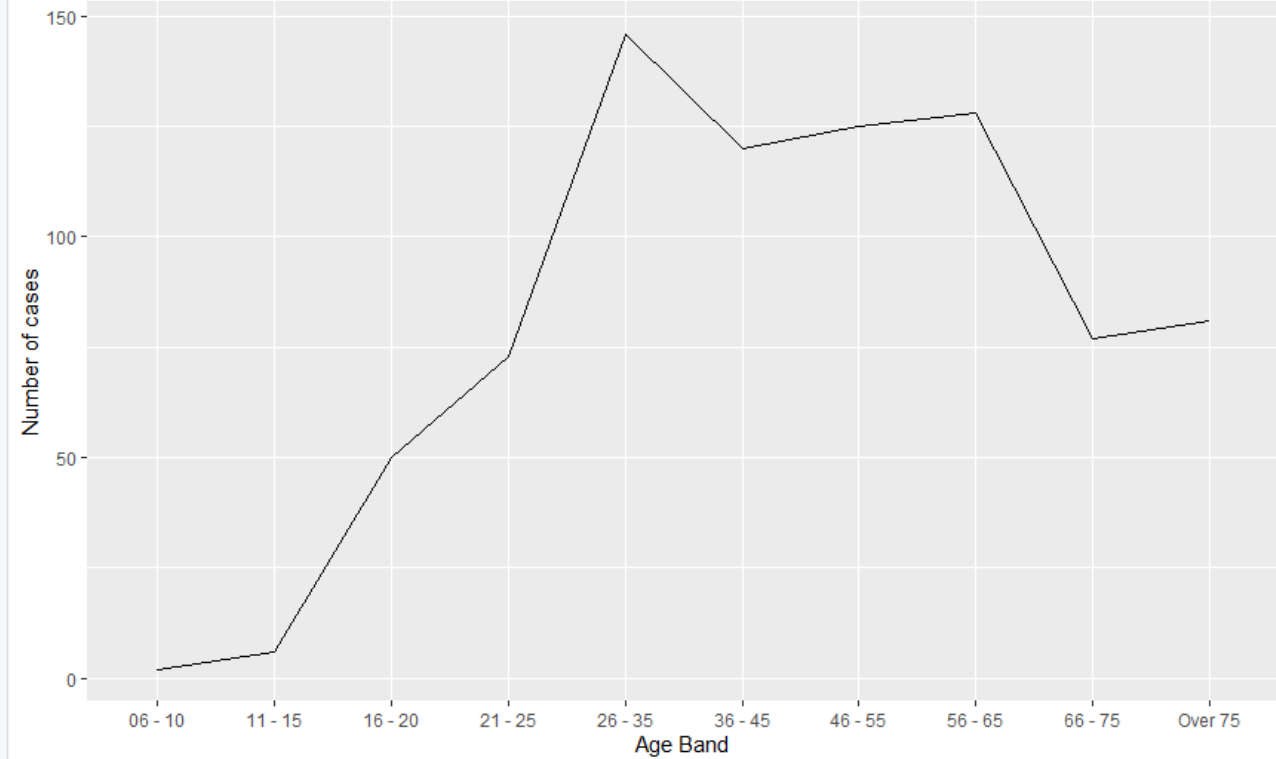


Fatal case

Fatal case by Gender



Age of Fatal case



Recommendation

For general public

- Person over 60 should travel by public transportation (if feasible), as if casualty happens, it is more likely that it is a fatal casualty.
- Male should travel by car, instead of motorcycle or bicycle (if feasible), as the risk of fatal and serious casualty is higher than travel by car.

For government

- Government may need to implement bicycle license for rider.

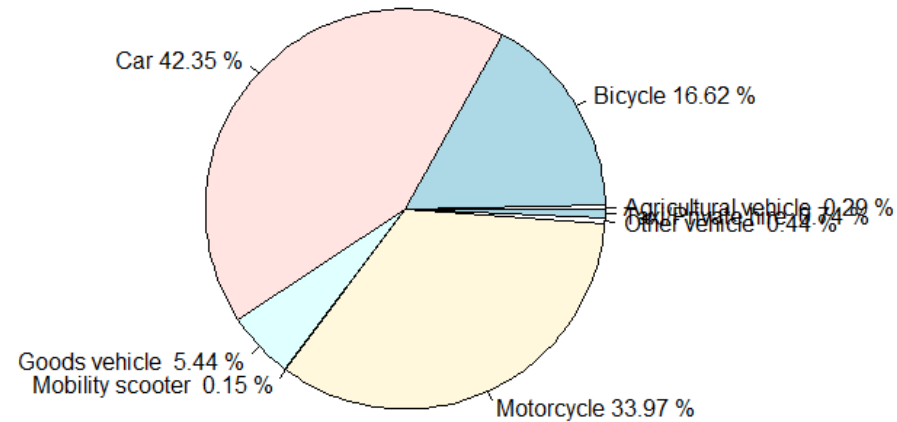
For insurance company

- Higher insurance premium should be collected from male with motorcycle or bicycle, as risk of fatal and serious casualty is higher.

For motorcycle company

- To review whether motorcycle and bicycle could be enhanced (launch a new product with higher profit margin) to reduce casualty for male.

Fatal case by Vehicle of Male



Fatal case by Vehicle of Female

